



## SEVERE UPDATE FROM DESPP/DEMHS AT 10 AM THU JULY 27<sup>TH</sup>

**SEVERE WEATHER AND FLASH FLOODING IS POSSIBLE THIS AFTERNOON AND EVENING... THE STORM PREDICTION CENTER HAS ALL OF CONNECTICUT UNDER A SLIGHT RISK FOR SEVERE STORMS... THE GREATEST RISKS ASSOCIATED WITH TODAY'S STORMS IS DAMAGING WINDS, FLASH FLOODING, FREQUENT LIGHTNING AND BRIEF TORNADES.**

The NWS has issued flood watches for northern CT for this afternoon. A Heat Advisory also remains in effect for all of Connecticut. Another hot and humid day is expected with air temperatures forecasted between 90-94 degrees. Dew point values will rise into the middle 70s this afternoon resulting in oppressive humidity and heat indices between 95-100F. The culmination of the high heat/humidity and an advancing mid-level disturbance will result in the increased threat for severe weather this afternoon.

For this afternoon we can expect scattered downpours and thunderstorms to develop after 12:00 PM. Storms will move from west to east at 15-30 mph. The storms will include heavy downpours with rainfall rates of 1" – 2" per hour. Strong low level wind shear will increase the threat for damaging wind gusts with any storms that do develop. The greatest risks with today's thunderstorms is the threat of damaging wind gusts, flash flooding and frequent lightning. There's also an increased threat for a few brief tornadoes. The greatest thunderstorm activity is expected between 3:00 – 8:00 PM.

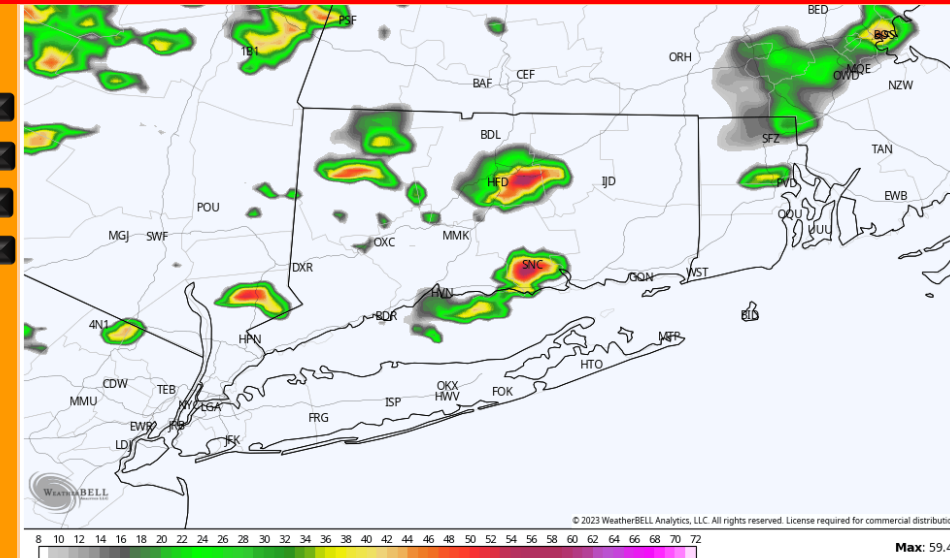
The severity of the thunderstorms this afternoon will partially depend on how hot it gets before storms develop. If temperatures reach the low 90's by 2:00 PM then severe thunderstorms will be more likely.

The Department of Emergency Services and Public Protection, Division of Emergency Management and Homeland Security will closely monitor weather conditions this afternoon. However, this will be the only update unless significant severe weather occurs.

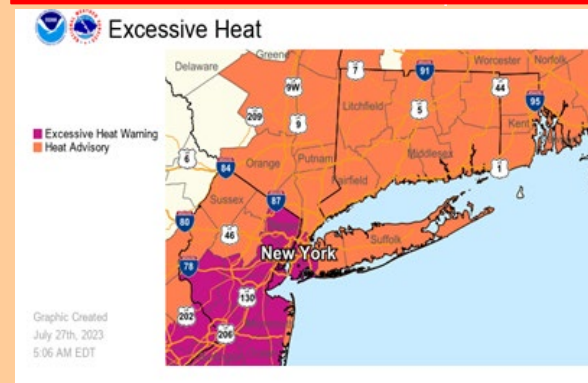
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## HAZARDS EXPECTED THIS AFTERNOON

PRIMARY HAZARDS	CURRENT FORECAST				
	Low	Mod	High	Sig	
Urban Flooding	50%				
River Flooding	<5%				
Severe T-Storms	15%				
Tornadoes	2% - 5%				
OTHER HAZARDS					
Torrential Downpours	IMPACTS				
Dangerous Lightning	Moderate				
Strong Winds	High				
Power Outages	Minor				



## CURRENT WATCHES AND WARNINGS



**The Extreme Heat Protocol remains in effect until Sunday morning at 8:00 AM.**

## NAM SIMULATED RADAR AT 5:00 PM

## THREAT TIMING FOR ALL HAZARDS

